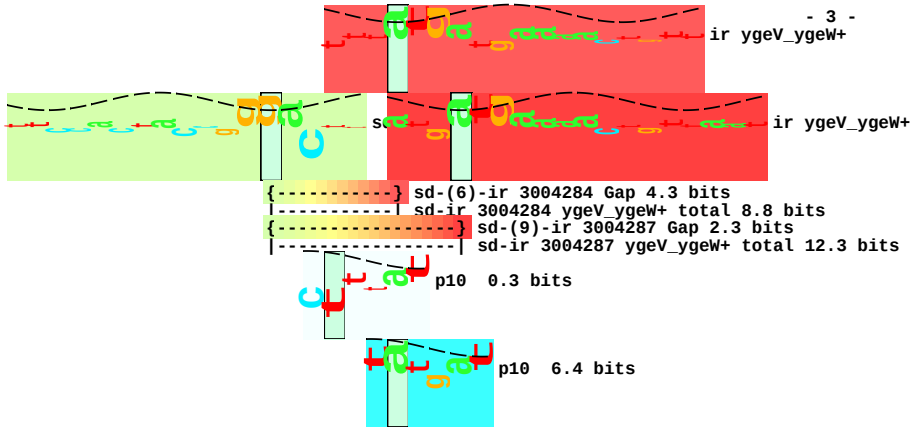
piece 1, NC_000913, ygeV_ygeW+, config: linear, direction: +, begin: 3003779, end: 3004303


p10 2.4 bits
p35-(24)-p10 3003925 Gap 2.4 bits
p35-p10 3003925 total 5.5 bits
5′ a t g g a a g a g a t a t c a c a t t t c t a t a t c a a t a t g a g a a t t a c g g c g g t g a g t t t a t c a a a c t g a a g a g a g a t a g c c t g c c c c 3′
fMet - glu - glu - ile - ser - his - phe - tyr - ile - asn - met - arg - ile - thr - ala - val - ser - leu - ser - asn -
- trp - lys - arg - tyr - his - ile - ser - ile - ser - ile -
ir ygeV_ygeW+
orf 21 codons
sd-(6)-ir 3003941 Gap 4.3 bits
sd-ir 3003941 ygeV_ygeW+ total 10.1 bits
5′ t t t a t c t t a t t t c t g a t a c t t a g c a g c a a a t a a a t a a c g c g a t a a a a a a a g c c a a a c g t t t t c g t a t t t t a c a a a c a a c c a 3′
5′ g a a g c t g g c a t c a a t t t g t g a t c a a c c c c a c a c a t t a t c c g t c a a a t t a g t c t t t t g c a g c c g c g c g g a t a a t t c t g g c a c 3′
-fMet -
-fMet - gln - pro - arg - gly -
-fMet - ile - asn - pro - thr - his - tyr - pro - ser - asn -
p35 5.2 bits
... p10
p35-(24)-p10 3004182 Gap 2.4 bit
p35-p10 3004182 total 5.7 bits
5′ a c t t a t t g t t a g t c c c a g g t a t a g c t g t g a a a a c a c c a a t c a c t t t g g c a a g t c a c a g t g a a a t a a c c a c t t t g c c t g t c 3′
-fMet - lys -
-fMet - pro - val -
-fMet - leu - val - pro - gly - ile - ala - val - lys - thr - pro - ile - thr - leu - ala - ser - his - ser - glu - ile - asn - his - phe - ala - cys - his -
p10 2.9 bits
ir ygeV_ygeW+
p35 6.2 bits
sd
... p35-(24)-p10 3004281 Gap
sd-(8)-ir 3004210 Gap 2.4 bits
... p35-p10 3004281 total 4.0
sd-ir 3004210 ygeV_ygeW+ total 8.9 bits
... p35
... p35-(22)-p10 3004284 Gap
... p35-p10 3004284 total 7.3
5′ a t t c c a c t a c c g g g a c t t t a t g a t g a a a a c t g t t a a t g a 3′
- ile - pro - leu - pro - gly - leu - tyr - asp - glu - asn - cys -
-fMet - met - lys - thr - val - asn -
- ser - thr - thr - gly - thr - leu -
-fMet -
... NC_000913.ygeW
p35-(24)-p10 3004281 Gap 2.4 bits
p35-p10 3004281 total 4.0 bits
p35 3.2 bits
orf 26 codons
p35-(22)-p10 3004284 Gap 2.3 bits
p35-p10 3004284 total 7.3 bits


ir ygeV_ygeW+
ir ygeV_ygeW+
{----------} sd-(6)-ir 3004284 Gap 4.3 bits
|----------| sd-ir 3004284 ygeV_ygeW+ total 8.8 bits
{----------} sd-(9)-ir 3004287 Gap 2.3 bits
|----------| sd-ir 3004287 ygeV_ygeW+ total 12.3 bits
p10 0.3 bits
p10 6.4 bits